



INTERNATIONAL APPLICATION PUBLISHED UNDER THE PATENT COOPERATION TREATY (PCT)

(51) International Patent Classification 7 : C12N 5/06, 5/10, A61K 48/00		A2	(11) International Publication Number: WO 00/40699 (43) International Publication Date: 13 July 2000 (13.07.00)
<p>(21) International Application Number: PCT/IB00/00165</p> <p>(22) International Filing Date: 5 January 2000 (05.01.00)</p> <p>(30) Priority Data: 60/114,758 5 January 1999 (05.01.99) US</p> <p>(71) Applicant (for all designated States except US): AVENTIS PHARMA S.A. [FR/FR]; Direction des brevets – Tri LE1 144, 20 avenue Raymond Aron, F-92165 Antony (FR).</p> <p>(72) Inventors; and</p> <p>(75) Inventors/Applicants (for US only): RIDET, Jean-Luc [FR/CH]; Route d'Oron 77/514, CH-1010 Lausanne (CH), MALLET, Jacques [FR/FR]; 18, rue Charcot, F-75013 Paris (FR).</p> <p>(74) Agent: BOUVET, Philippe; Aventis Pharma S.A., Patent Department, 20, avenue Raymond Aron, F-92165 Antony (FR).</p>			
<p>(81) Designated States: AE, AL, AU, BA, BB, BG, BR, CA, CN, CR, CU, CZ, DM, EE, GD, GE, HR, HU, ID, IL, IN, IS, JP, KP, KR, LC, LK, LR, LT, LV, MA, MG, MK, MN, MX, NO, NZ, PL, RO, RU, SG, SI, SK, TR, TT, UA, US, UZ, VN, YU, ZA, ARIPO patent (GH, GM, KE, LS, MW, SD, SL, SZ, TZ, UG, ZW), Eurasian patent (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European patent (AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE), OAPI patent (BF, BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG).</p> <p>Published <i>Without international search report and to be republished upon receipt of that report.</i></p>			
<p>(54) Title: HUMAN ADULT ASTROCYTES, THEIR PREPARATION AND USES THEREOF</p> <p>(57) Abstract</p> <p>The invention provides an essentially pure preparation of human adult astrocytes, and a method of producing same. The purified astrocytes are useful for the treatment of neurodegenerative disorders or trauma to the central nervous system.</p>			